

WHAT IS CLAIMED IS:

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1. A disk unit for reading information from or writing information to a disk by means of a head supported by an actuator, the disk and the actuator being contained in a housing of the disk unit, the disk unit comprising:

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a shroud having a face perpendicular to a surface of the disk and opposing a peripheral edge of the disk; and

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a spoiler having a given height in a direction perpendicular to the surface of the disk and extending above the surface of the disk from the peripheral edge to a center of the disk.

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2. The disk unit as claimed in claim 1, wherein said shroud and said spoiler are provided in a counter-rotational direction of the disk from the actuator.

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3. The disk unit as claimed in claim 2, wherein said shroud is provided in the counter-rotational direction of the disk from said spoiler.

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4. The disk unit as claimed in claim 3,

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wherein said shroud has an end in the rotational direction of the disk, the end being separated from a surface of said spoiler by a distance of 5 mm or less, the surface receiving airflow generated by disk rotation.

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10 5. The disk unit as claimed in claim 1, wherein said shroud and said spoiler are formed integrally with each other.

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20 6. The disk unit as claimed in claim 1, wherein the face of said shroud is curved along the peripheral edge of the disk.

25 7. The disk unit as claimed in claim 1, wherein the face of said shroud is flat.

30 8. A disk unit for reading information from or writing information to a disk by means of a head supported by an actuator, the disk and the actuator being contained in a housing of the disk unit, the disk unit comprising:

35 a spoiler having a given height in a direction perpendicular to the surface of the disk and extending above the surface of the disk from the

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peripheral edge to a center of the disk, the spoiler being provided in proximity to a boundary between a first area where an inner wall of the housing runs side by side with the peripheral edge of the disk and a second area where a distance between the inner wall and the peripheral edge becomes longer than in the first area.

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9. The disk unit as claimed in claim 8, wherein said spoiler is provided in a counter-rotational direction of the disk from the actuator.

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10. The disk unit as claimed in claim 9, wherein said spoiler has a surface for receiving airflow generated by disk rotation, the surface being away from the boundary by a distance of 5 mm or less.

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11. A disk unit comprising:
a disk;
an actuator for supporting a head that reads information from or writes information to the disk;
a first member for regulating airflow generated by disk rotation so that the airflow flows in a rotational direction of the disk; and
a second member for receiving and regulating the airflow regulated by said first

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member so as to prevent the airflow from flowing toward the actuator.

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12. The disk unit as claimed in claim 11, wherein said first and second members are provided in a counter-rotational direction of the disk from the actuator.

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13. The disk unit as claimed in claim 12, wherein said first member is provided in the counter-rotational direction of the disk from said second member.

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14. The disk unit as claimed in claim 11, wherein said first and second members are integrally formed with each other.

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15. The disk unit as claimed in claim 11, wherein the airflow is regulated by said second member to flow in a radial direction of the disk.

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16. The disk unit as claimed in claim 11,

wherein said first member is a shroud and said second member is a spoiler.

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17. A disk unit comprising:
a disk;

an actuator for supporting a head that
10 reads information from or writes information to the disk; and

an airflow-regulating member for receiving and regulating airflow generated by disk rotation so as to prevent the airflow from flowing toward the
15 actuator, the airflow-regulating member being provided in proximity to a boundary between a first area where an inner wall of a housing of the disk runs side by side with a peripheral edge of the disk and a second area where a distance between the inner
20 wall and the peripheral edge becomes longer than in the first area.

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18. The disk unit as claimed in claim 17, wherein said airflow-regulating member is provided in a counter-rotational direction of the disk from the actuator.

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19. The disk unit as claimed in claim 17,
35 wherein said airflow-regulating member is a spoiler.

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